

The image is a large, symmetrical, abstract graphic composed of the letters 'S' and 'Y' arranged in a grid-like pattern. The overall shape is a stylized 'Y' or a complex letter 'H'. The top part is a wide horizontal bar made of 'S's, with 'Y's forming a central vertical column. The sides are also made of 'S's, with 'Y's forming a central vertical column. The bottom part is a wide horizontal bar made of 'S's, with 'Y's forming a central vertical column. The entire graphic is composed of these two letters, creating a complex, symmetrical pattern.

```

LL          IIIII
LL          IIIII
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LLLLLLLLLLL
LLLLLLLLLLL

            IIIII
            IIIII
            II
            II
            II
            II
            II
            II
            II
            II
            II
            II
            II
            IIIII
            IIIII

                SSSSSSSS
                SSSSSSSS
                SS
                SS
                SS
                SS
                    SSSSSS
                    SSSSSS
                        SS
                        SS
                        SS
                        SS
                            SSSSSSSS
                            SSSSSSSS

```

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SCH\$RESCHED RESCHEDULING INTERRUPT HANDLER

```
0000 1 .TITLE SCHED RESCHEDULING INTERRUPT HANDLER
0000 2 .IDENT 'V04-000'
0000 3 *****
0000 4 *****
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0000 22 *
0000 23 *
0000 24 *****
0000 25 *****
0000 26 MODIFIED BY:
0000 27
0000 28 V03-006 KPL0001 Peter Lieberwirth 15-Jan-1984
0000 29 Fix some broken work displacements, in fact, fix them all.
0000 30
0000 31 V03-005 TMK0001 Todd M. Katz 20-Dec-1983
0000 32 Fix some broken word displacements.
0000 33
0000 34 V03-004 WMC0004 Wayne Cardoza 10-Jan-1982
0000 35 Fix some broken word displacements.
0000 36
0000 37 V03-003 JWH0143 Jeffrey W. Horn 30-Nov-1982
0000 38 Back-out JWH0136, code that broke references is now in
0000 39 another PSECT.
0000 40
0000 41 V03-002 JWH0136 Jeffrey W. Horn 24-Nov-1982
0000 42 Fix broken references.
0000 43
0000 44 V03-001 KDM0083 Kathleen D. Morse 31-Mar-1982
0000 45 Add multi-processing hooks for replacement scheduling routines.
0000 46
0000 47
```



```
0000 49 ; INCLUDE FILES:
0000 50
0000 51 $DYNDEF ; STRUCTURE TYPE CODE DEFINITIONS
0000 52 $IPLDEF ; INTERRUPT PRIORITY LEVEL DEFINITIONS
0000 53 $PCBDEF ; PCB DEFINITIONS
0000 54 $PHDDEF ; PHD DEFINITIONS
0000 55 $PRDEF ; PROCESSOR REGISTER DEFINITIONS
0000 56 $STATEDEF ; STATE DEFINITIONS
00000000 57 .PSECT AEXENONPAGED, LONG ; NONPAGED EXEC
```



SCHED  
V04-000

RESCHEDULING INTERRUPT HANDLER E 5 16-SEP-1984 01:09:22 VAX/VMS Macro V04-00  
SCH\$RESCHED RESCHEDULING INTERRUPT HANDL 5-SEP-1984 03:47:19 [SYS.SRC]SCHED.MAR;1

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```
00000000'EF 20 90 0079 116 SCH$IDLE: ;NO ACTIVE, EXECUTABLE PROCESS
A1 11 0079 117 SETIPL #IPL$ SCHED ;DROP IPL TO SCHEDULING LEVEL
007C 118 MOVB #32,L*SCH$GB_PRI ;SET PRIORITY TO -1(32) TO SIGNAL IDLE
0083 119 BRB SCH$SCHED ;AND TRY AGAIN
0085 120
0085 121 QEMPTY: BUG_CHECK QUEUEMPTY,FATAL ;SCHEDULING QUEUE EMPTY
0089 122
0089 123 .END
```



SCHED  
Symbol table

RESCHEDULING INTERRUPT HANDLER

F 5

16-SEP-1984 01:09:22 VAX/VMS Macro V04-00  
5-SEP-1984 03:47:19 [SYS.SRC]SCHED.MAR;1

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BUGS_QUEUEEMPTY	*****	X	02
DYN\$PCB	= 0000000C		
IPL\$SCHED	= 00000003		
IPL\$SYNCH	= 00000008		
MPH\$RESCHED	00000000	RG	02
MPH\$SCHED	00000026	RG	02
PCBSB_PRI	= 0000000B		
PCBSB_PRI8	= 0000002F		
PCBSB_TYPE	= 0000000A		
PCBSL_PHYPCB	= 00000018		
PCBSW_STATE	= 0000002C		
PR\$IPL	= 00000012		
PR\$PCBB	= 00000010		
QEMPTY	00000085	R	02
SCH\$AQ_COMH	*****	X	02
SCH\$AQ_COMT	*****	X	02
SCH\$C_COM	= 0000000C		
SCH\$C_CUR	= 0000000E		
SCH\$GB_PRI	*****	X	02
SCH\$GL_COMQS	*****	X	02
SCH\$GL_CURPCB	*****	X	02
SCH\$IDLE	00000079	R	02
SCH\$RESCHED	00000000	RG	02
SCH\$SCHED	00000026	RG	02

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 ( 0.)	00 ( 0.)	NOPIC USR
\$ABSS	00000000 ( 0.)	01 ( 1.)	NOPIC USR
AEXENONPAGED	00000089 ( 137.)	02 ( 2.)	NOPIC USR

CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE
CON	ABS	LCL	NOSHR	EXE	RD	WRT	NOVEC	BYTE
CON	REL	LCL	NOSHR	EXE	RD	WRT	NOVEC	LONG

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	35	00:00:00.04	00:00:01.80
Command processing	121	00:00:00.49	00:00:04.83
Pass 1	204	00:00:04.83	00:00:16.79
Symbol table sort	0	00:00:00.72	00:00:02.12
Pass 2	42	00:00:00.88	00:00:02.62
Symbol table output	4	00:00:00.04	00:00:00.04
Psect synopsis output	2	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	410	00:00:07.02	00:00:28.23

The working set limit was 1200 pages.  
26594 bytes (52 pages) of virtual memory were used to buffer the intermediate code.  
There were 30 pages of symbol table space allocated to hold 515 non-local and 3 local symbols.  
123 source lines were read in Pass 1, producing 13 object records in Pass 2.  
15 pages of virtual memory were used to define 14 macros.



-----  
! Macro library statistics !  
-----

Macro library name

Macros defined

-----  
\$255\$DUA28:[SYS.OBJ]LIB.MLB;1  
\$255\$DUA28:[SYS.LIB]STARLET.MLB;2  
TOTALS (all libraries)

-----  
7  
4  
11

594 GETS were required to define 11 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LISS:SCHED/OBJ=OBJ\$:SCHED MSRC\$:SCHED/UPDATE=(ENH\$:SCHED)+EXECMLS/LIB



0380 AH-BT13A-SE  
VAX/VMS V4.0

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